12-10-01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION

| Attorney Docket No. |      | P15252-US1  |
|---------------------|------|---|
| First Inver         | ntor | Dutta, Santanu  |
| Title               |      | D APPARATUS FOR AUTHORIZING INTERNET<br>DNS USING THE PUBLIC LAND MOBILE<br>PLMN) |

| FAISI   |   | Butta, Cantana   |  |   |   |                         |   |
|---|---|--|--|---|---|-------------------------|---|
|   | ANSMITTAL  If applications under 37 CFR 1.53(b))  | METHOD AND APPARATUS FOR AUTHORIZING INTERNET<br>TRANSACTIONS USING THE PUBLIC LAND MOBILE<br>NETWORK (PLMN) |  |   |   |                         |   |
|   |   |  | ail Label No.  | ET72  | 9911104US   |                         |   |
| A   | PPLICATION ELEMENTS   |  | ADDRESS  |   | tant Commission   | oner for Patents<br>on  |   |
| SEE MPEP chapter 6  | 00 concerning utility patent application  | contents.  |  | Wash  | ington, DC 202  |                         |   |
| 2. Applicant claims See 37 CFR 1.27 3. Specification (preferred arrange -Descriptive title -Cross Reference | [Total Pages: 29 ] ment set forth below)  |  | Con 8. Nucleotide fif applicab a. Con b. Specifica i | ROM or CD-R in puter Program and/or Amino A lete, all necessary aputer Readable tion Sequence L CD-ROM or paper | (Appendix) Acid Sequence (y) Form (CRF) Listing on:             | Schmission 2007         |   |
| -Reference to se  | quence listing, a table, rogram listing appendix  |  | c. Sta   | tements verifying   | g identity of ab  | ove copies              |   |
| -Background of t<br>-Brief Summary  |   |  | AC   | COMPANYIN   | IG APPLICA  | TION PARTS              | _ |
|   | n of the Drawings (if filed)<br>otion   |  |  |   |   | & documents(s))         |   |
| 4. Drawing(s) (35 L   |   |  | (wh  | CFR 3.73(b) Sta<br>en there is an a:  | ssignee)  |                         |   |
| 5. Oath or Declaration a Newly executed b Copy from a pr  | [Total Pages: 2 ] d (original or copy) ior application (37 CFR 1.63 (d)) ion/divisional with Box 18 completed)                        |  | 12.  | lish Translation<br>rmation Disclosi<br>tement (IDS)/PT<br>liminary Amendr<br>urn Receipt Pos                   | ure [<br>O-1449<br>ment   | Copies of IDS Citations | } |
| i. DELE<br>Signed s<br>Named i  | FION OF INVENTOR(S) tatement attached deleting inventor(s) n the prior application, see 37 CFR 2) and 1.33(b)                         |  | (Sh<br>15. Cer<br>(if fo<br>16. Nor                  | ould be specificatified Copy of Propreign priority is appublication Req   | ally itemized)<br>riority Documer<br>claimed)<br>ruest under 35 | nt(s)                   |   |
| 6. Application Data   | Sheet. See 37 CFR 1.76  |  | _ or it  | s equivalent.   |   |                         |   |
|   |   |  |  | er: Express N   |   |                         | _ |
| 18. If a CONTINUING A or in an Application Date   | PPLICATION, check appropriate bo<br>a Sheet under 37 CFR 1.76:<br>n Divisional Contin   | x, and supply<br>luation-in-part (   |  | ormation belo   | w ано III а р   | remminary amendment     | , |
| Box 5b, is considered a pa  | e: Examiner:<br>VIVISIONAL APPS only: The entire discipant of the disclosure of the accompanying be relied upon when a portion has be | ng continuatio   | n or divisional ap                                   | rom which an o<br>plication and is  | hereby incor  | porated by reference.   |   |
|   |   |  | ICE ADDRESS  |   |   |                         |   |
| Customer Number or E  | Bar Code Label (Insert Custome  | r No. or Attach  | bar code label here                                  | or 🔀 0  | Correspondenc   | e address below         |   |
| Name  | STEVEN B. PHILLIPS  |  |  |   |   |                         |   |
|   | MOORE & VAN ALLEN, PLLC   |  |  |   |   |                         | _ |
| Address   | 2200 West Main Street, Suite 800  | )  |  |   |   |                         |   |
| City  | Durham  | State  | NC   |   | Zip Code  | 27705                   |   |
| Country   | U.S.A.  | Telephone  | 919-286-8000   |   | Fax   | 919-286-8199            | _ |
|   |   |  |  |   |   |                         |   |

|           |                        | .,                                |                  |
|-----------|------------------------|-----------------------------------|------------------|
| Name      | Steven B. Phillips     | Registration No. (Attorney/Agent) | 37,911           |
| Signature | Dor Bulling            | Date                              | November 8, 2001 |
|           | Certificate of Mailing | Stoven B Obillios                 |                  |

I hereby certify that this paper together with any Burden Hour State attachments is being deposited this day with the United the amount of time States Postal Service as "Express Mail" in an envelope 20231. DO NOT addressed to: Box: New Application Washington, DC 2

Commissioner for Patents, Washington, DC 20231

Signature of person mailing documents November 8, 200

Date of Mailing and Signature

Any comments on Vashington, DC Application,

PTO/SB/17 (11-01)

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Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

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| Complete if Known   |                |  |  |  |  |  |
| Application Number  |                |  |  |  |  |  |
| Filing Date   |                |  |  |  |  |  |
| First Named Inventor  | Dutta, Santanu |  |  |  |  |  |
| Examiner Name   |                |  |  |  |  |  |
| Group Art Unit  |                |  |  |  |  |  |
| Attorney Docket No.   | P15252-US1     |  |  |  |  |  |

| METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)  |                               |                     |   |          |
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| X Check Credit card Money Other None   | 3. ADDI                       | IONAL FE            | EES   |          |
| Order Order  | Large Entit                   | Small Entit         | t <u>y</u>  |          |
| Deposit  | Fee Fee                       |                     | Fee Description   | Fee Paid |
| Account<br>Number  | Code (\$)<br>105 130          | Code (\$)<br>205 65 | Surcharge - late filing fee or oath                           |          |
| Deposit Account Moore & Van Allen  |                               |                     | · ·   |          |
| Name 1770010 & Vall / Moll   | 127 50                        | 227 25              | Surcharge - late provisional filing fee or<br>cover sheet     |          |
| The Commissioner is authorized to: (check all that apply)  | 139 130                       | 139 130             | Non-English specification                                     |          |
| Charge fee(s) indicated below X Credit any overpayments  | 147 2,520                     | 147 2,520           | For filing a request for ex parte reexamination               |          |
| Charge any additional fee(s) during the pendency of this application  Charge fee(s) indicated below, except for the filing fee | 112 920                       | 112 920*            | Requesting publication of SIR prior to                        |          |
| to the above-identified deposit account  | 440 4 040                     | * 442 4 040*        | Examiner action   |          |
| FEE CALCULATION  | 113 1,840                     | * 113 1,840*        | Requesting publication of SIR after<br>Examiner action        |          |
| 1. BASIC FILING FEE  | 115 110                       | 215 55              | Extension for reply within first month                        |          |
| Large Entity   Small Entity  | 116 400                       | 216 200             | Extension for reply within second month                       |          |
| Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid   | 117 920                       | 217 460             | Extension for reply within third month                        |          |
| <sup>2</sup> 101 740 201 370 Utility filing fee 740  | 118 1,440                     |                     | Extension for reply within fourth month                       |          |
| 106 330 206 165 Design filling fee   | 128 1,960                     | 228 980             | Extension for reply within fifth month                        |          |
| 107 510 207 255 Plant filing fee   | 119 320                       | 219 160             | Notice of Appeal  |          |
| 108 740 208 370 Reissue filing fee   | 120 320                       | 220 160             | Filing a brief in support of an appeal                        |          |
| 114 160 214 80 Provisional filing fee  | 121 280                       | 221 140             | Request for oral hearing                                      |          |
| SUBTOTAL (1) (\$) 740  | 138 1,510                     |                     | Petition to institute a public use proceeding                 |          |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  | 140 110                       | 240 55              | Petition to revive - unavoidable                              |          |
| Fee from   | 177 1,20                      |                     | Petition to revive - unintentional                            |          |
| Extra Claims below Fee Paid  Total Claims 42 -20** = 22 X 18 = 396   | 142 1,280<br>143 460          |                     | Utility issue fee (or reissue)                                |          |
| Independent 7 3** = 4 V 94 236   | 144 620                       | 243 230<br>244 310  | Design issue fee Plant issue fee                              |          |
| Claims 7 3 4 1 34 = 338  Multiple Dependent =  | 122 130                       |                     | Petitions to the Commissioner                                 |          |
|  | 123 50                        |                     | Processing fee under 37 CFR 1 17(g)                           |          |
| Large Entity   Small Entity  | 126 180                       | 126 180             | Submission of Information Disclosure Stmt                     |          |
| Fee Fee Fee Fee <u>Fee Description</u> Code (\$)   | 581 40                        |                     | Recording each patent assignment per                          |          |
| 103 18 203 9 Claims in excess of 20  | 301 40                        | 301 40              | property (times number of properties)                         |          |
| 102 84 202 42 Independent claims in excess of 3  | 146 740                       | 246 370             | Filing a submission after final rejection (37 CFR § 1 129(a)) |          |
| 104 280 204 140 Multiple dependent claim, if not paid  | 149 740                       | 249 370             | For each additional invention to be                           |          |
| 109 84 209 42 ** Reissue independent claims over original patent   |                               |                     | examined (37 CFR § 1.129(b))                                  |          |
| 110 18 210 9 ** Reissue claims in excess of 20   | 179 740                       | 279 370             | Request for Continued Examination (RCE)                       |          |
| and over original patent   | 169 900                       | 169 900             | Request for expedited examination of a design application     |          |
| SUBTOTAL (2) (\$) 1472   | Other fee                     | (specify)           |   |          |
| **or number previously paid, if greater; For Reissues, see above   | ng Fee Paid SUBTOTAL (3) (\$) | 0                   |   |          |

| SUBMITTED BY      |                    |       |                                     |        | Complete (if applicable) |                  |  |
|-------------------|--------------------|-------|-------------------------------------|--------|--------------------------|------------------|--|
| Name (Print/Type) | Steven B. Phillips |       | Registration No.<br>(Attomey/Agent) | 37,911 | Telephone                | 919-286-8000     |  |
| Signature         | Dr B 4             | Daile |                                     |        | Date                     | November 8, 2001 |  |
|                   |                    |       |                                     |        |                          |                  |  |